

REMARKS

Claims 8-11 and 24-29 were previously pending in the present application. Claims 8 and 9 are currently canceled without prejudice or disclaimer, and new claims 30-41 are currently added. Consequently, claims 10, 11 and 24-41 are currently pending in the present application.

Reconsideration of the present application in light of the above amendments and the following remarks is respectfully requested.

Claim Objections

The Examiner has objected to claim 24 for containing an informality. However, it is believed that the current amendment to claim 24 resolves the informality. Consequently, Applicant respectfully requests the Examiner withdraw the objection.

Rejections under 35 U.S.C. §102

The Examiner has rejected claims 8 and 9 under 35 U.S.C. §102 as being anticipated by Hoshino. However, claims 8 and 9 are currently canceled without prejudice or disclaimer.

Moreover, it is believed that new claim 30 and its dependent claims are patentable over Hoshino. That is, the PTO provides in MPEP §2131 that, to anticipate a claim, a reference must teach every element of the claim. However, in the context of new claim 30, and in accord with the Examiner's note on page 6 of the Examiner's Office Action, Hoshino fails to teach: (1) a first doped region located on a first side of the gate structure and having a dosage ranging between about 7.0×10^{12} ions/cm² and about 9.0×10^{12} ions/cm², (2) a second doped region located in the first doped region, (3) a third doped region located on a second side of the gate structure, and (4) a channel region located between the first and third doped regions and having a resistance per unit length that is substantially equal to a resistance per unit length of the first doped region.

Thus, because Hoshino fails to teach every element of claim 30, Hoshino fails to support a §102 rejection of claim 30.

Conclusion

It is believed that all matters set forth in the Office Action have been addressed. Accordingly, it is further believed that claims 10, 11 and 24-41 are in condition for allowance. Favorable consideration and an early indication of allowability are respectfully requested.

Should the Examiner deem that an interview with Applicant's undersigned attorney would expedite consideration, the Examiner is invited to call the undersigned attorney at the telephone number indicated below.

Respectfully submitted,



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